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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

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Application Number: 09/879,480  
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and  
George Seidel  
Filed: June 12, 2001  
Title: Integrated Herd Management System Utilizing Isolated  
Populations of X-Chromosome Bearing and Y-Chromosome Bearing  
Spermatozoa  
TC/A.U: 1634  
Examiner: Carla J. Myers  
  
Assignee: Colorado State University through its agent Colorado State  
University Research Foundation  
Attorney Docket: HrdMgmtCIP  
Customer No. 33549

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**ASSOCIATE POWER OF ATTORNEY UNDER 37 C.F.R. §1.34(b)**


I, Luke Santangelo, USPTO Registration Number 31,997, as principal attorney in the above-identified application for Letters Patent, hereby appoints:

Alfred K. Wiedmann Jr.	USPTO Reg. No. 48,033
Nicole A. Ressue	USPTO Reg. No. 48,665
Misha Gregory Macaw	USPTO Reg. No. 55,417

as associate attorneys with full power.

Dated this 5<sup>th</sup> day of April, 2004.

Respectfully submitted,

  
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AssocPOA

Facsimile Number: 703-872-9306

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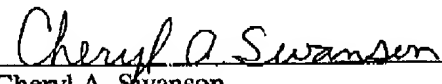
**CERTIFICATE OF FACSIMILE TRANSMISSION**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day forwarded the foregoing Letter of Facsimile Transmission, Response and Request for Reconsideration under 37 C.F.R. § 1.111; Affidavit Under 37 C.F.R. § 1.132; Petition For Extension of Time under 37 C.F.R. § 1.136(a); Notification of Change of Small Entity Status under 37 C.F.R. 1.27(g)2; an Associate Power of Attorney; Supplemental Application Data Sheet; Credit Card Payment Form authorized in the amount of \$950.00; and this Certificate of Facsimile Transmission via Facsimile Number 703-872-9306, Attention: Carla J. Myers, Group Art Unit 1634.

Dated this 5<sup>th</sup> day of April, 2004.

  
Cheryl A. Swanson